BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Office of the Executive Engineer
Electrical Division, Yelahanka Zone
Bruhath Bengaluru Mahanagara Palike

"Schedule-B"

Name of Work :- Operation and Maintenance of Street Lighting System in Ward No.08 Package Y-8 of Yelahanka Zone.

Sl. No	Qty	Description Of Work	Unit	Approved Rates	
				In figures	In words
1	326	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Ignitors, Capacitors, Switches , wires, Holders, Starters ,and switching ON/OFF of street lights at specified timing and Pole numbering, Preparing ward wise, street wise data bank furnishing maintenance reports ,every day etc, complete so as to ensure efficient burning of street lights detailed in tender documents for various type of street lighting systems as detailed below. i) Poles with 36/40 W fluorescent tube light street lighting system.	Each	500.00	Rupees Five Hundred Only
2	110	Poles with 125 W MV light Park lighting system.	Each	700.00	Rupees Seven Hundred Only
3	2148	Poles with 250W HPSV light street lighting system.	Each	900.00	Rupees Nine Hundred Only
4	110	Poles with 400 watts HPSV light street lighting system.	Each	1000.00	Rupees One Thousand Only
5	25	Poles with 24 W LED light street lighting system.	Each	700.00	Rupees Seven Hundred Only
6	27	Poles with 65 W LED light street lighting system.	Each	1000.00	Rupees One Thousand Only
7	302	Poles with 90 W LED light street lighting system.	Each	1000.00	Rupees One Thousand Only
8	14	Poles with 110/120 W LED light street lighting system.	Each	1000.00	Rupees One Thousand Only
9	110	B. Work to be carried out as per requirement & actuals and as per the direction of the in charge engineer, Painting of existing street light pole after scrapping the old paint and painted with suitable colour enamel/Silver paint including coping/looting of the pole.a)5 mtr pole	Each	500.00	Rupees Five Hundred Only
10	50	c) 8 Mtr and above street light pole	Each	700.00	Rupees Seven Hundred Only
11	32	Moulded Case Circuit Breaker (MCCB) Three Pole 100Amps 25kA	Each	2000.00	Rupees Two Thousand Only
12	32	Supply and Installation / Fixing / Provision of Pole box with HRC Fuse / MCB provision and suitable connector / terminal for 3 Ph / 1 Ph connections with Loop-In & Loop-Out terminals for 10 Sqmm / 25 Sqmm 3.5 C Al/Ar / Cu/Ar Cable and branch out 2.5 Sqmm 2 core Al/Cu PVC Insulated cable, enclosed in a Thermoplastic, Polystyrene enclosure, which should be shock proof, safe, IP65(Weather Proof), rust proof, dust proof, water proof having Internally Embedded Gasket with provision for cable entry through IP65 Thermoplastic, polyamide glands and/or grommets.200mmx200mmx98mm	Each	2000.00	Rupees Two Thousand Only

For JAICAB ELECTRICALS

PROPRIETOR

Executive Engineer
Electrical Division
Yelahanka Zone
Byatarayanapura, Bangalore-92

13	2	Thiristor based single/ Three phase smart street light control and monitoring system Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in voltage. It has some features like 1.Remote lighting management.2.Precise lighting turnoff.3.Load ballancing.4.Load power regulation.5.Status tracking. It works on the basis of some of these features 1) Main Control Unit (Mother board) : Handles controlling , data handling and other communication process. 2) Communication unit: GSM/GPRS quad bandwith RS232 interface wireless communication unit 3) Gate Driver Unit: Firing angle controllable board for driving the thyristor 4) Switching Thyristor: SCR 110 AMPS dual thyristor modules for switching 5)Embedded Firmware: Firmware to control , handle , process the data and communicate it wirelessly.6) Metal Enclosure : IP66 weather prof metal enclosure. 7) transformers: Customized step down transformers for various purposes.8) Wiring and other device assembly components.	No	40000.00	Rupees Forty Thousand Only

I am prepared to take up the above work at rates quoted in the Schedule 'B'

For JAICAB ELECTRICALS

Contractor

PROPRIETOR

EXECUTIVE ENGINEER (ELEC)
BBMP, Yelahanka Zone